14885

Formerly US 601 "M" Ed. May 1939

M I C H I G A N

LOGARITHMIC SPEED SCALE

1 2 3 4 5 6 7 8 9 10 15 20 25 30 40 50 60

To find SPEED, place one point of dividers on distance run (in any unit) and the other on minutes run. Without changing divider spread, place right point on 60 and left point will then indicate speed in units per hour. Example: with 4.0 nautical miles run in 15 minutes, the speed is 16.0 knots.

CAUTION
CHANGES in BUOYAGE

Mariners are advised that authorized aids to navigation are being changed to conform to maritime standards of the International Association of Lighthouse Authorities Maritime Buoyage System, Region B. Significant changes are: black port hand buoys to green; black and white vertically striped buoys to red and white vertically striped buoys; and lateral lights from white to red or green as appropriate. Changes to aids to navigation will be announced in the Defense Mapping Agency Hydrographic/Topographic Center weekly Notice to Mariners and the U.S. Coast Guard Local Notice to Mariners.

NOAA VHF-FM WEATHER BROADCASTS

The National Weather Service station listed below provides continuous marine weather broadcasts. The range of reception is variable, but for most stations it usually 20 to 40 miles from the antenna site.

Sault Ste. Marie, MI KIG-74 162.55 MHz (Chan WX-1)

POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

CAUTION

Due to periodic high water conditions in the Great Lakes, some features charted as visible at Low Water Datum may be submerged, particularly in the near shore areas. Mariners should proceed with caution.

NOTE D

Mariners are warned that numerous uncharted stakes and fishing structures, some submerged, may exist in the area of this chart. Such structures are not charted unless known to be permanent.

SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 6 for important supplemental information.

WARNING

The prudent mariner will not rely solely on any navigation system when navigating aids to navigation, particularly LORAN-C, OMEGA and D.G.P.S. (see U.S. Coast Pilot 6 for details).

Pumpout facilities

MACKINAC BAY
Lone Swan Island
Echo Island
HESSEL
WISNER BAY
SEARCH BAY
WILDERNESS BAY
LONG ISLAND
Bruins Point
MARQUETTE BAY
Cooks Point
WEST ENTRANCE
MARQUETTE ISLAND
CEDARVILLE
LA SALLE ISLAND
Flower Bay
Bay Point
HULL ISLAND
ISLAND NO. 6
GOVERNMENT BAY
GOVERNMENT ISLAND
CORYELL ISLAND
SAMMONS HARBOR
Penny Island
Sand Bay
Peck Bay
Arnold Point
URIE BAY
MUSCALLONGE BAY
Duck Bay
Skinner Point
Pleasant Point
Conners Point
Crow Point
Sheppard Bay
Dollar Island
Islington Point
Marbara Point
Lewis Point
Cedar Point
Hessel Point
Hessel Bay
Marion Island
Hotel Island
Horse Rock
Bruins Island
Dugout Island
Taylor Lumber & Development Corp.
Mackinac Island State Park Commission Dock
Mackinac Island Ferry Dock
Mackinac Island Ferry Co. Dock
Mackinac Island Ferry Co. Dock (Seasonal)
Mackinac Island Ferry Co. Dock (Winter)
Mackinac Island Ferry Co. Dock (Summer

Formerly L.S. 601, 1st Ed., May 1939

SOUNDINGS IN FEET

Nautical Chart Catalog No. 4, Panel C

LOGARITHMIC SPEED SCALE

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CAUTION

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NOTE D

Mariners are warned that numerous uncharted stakes and fishing structures, some submerged, may exist in the area of this chart. Such structures are not charted unless known to be permanent.

SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 6 for important supplemental information.

WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot 6 for details.

Pump-out facilities

NOTE A

Navigation regulations are published in Chapter 2 of the Coast Pilot 6. Additions or revisions to Chapter 2 are published in the Notices to Mariners. Information about these and the regulations may be obtained at the Office of the Commander, 9th Coast Guard District, Cleveland, OH or the Office of the District Engineer, Corps of Engineers in Detroit, Michigan.

Refer to charted regulation section numbers.

LAKE MICHIGAN-HURON

Elevation in Feet

Low Water Datum

Average levels (1860-1986)

Extreme Levels (period of record)

Low Water Datum is the plane of reference for the levels shown on this chart. Low Water Datum is the plane of reference for the charted depths. If the lake level is above or below Low Water Datum, the existing depths are correspondingly greater or lesser than the charted depths.

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Notice to Mariners.

During some winter months or when endangered by ice, certain aids to navigation are removed by other types or removed. For details see U.S. Coast Guard Light List.

CAUTION

Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

NOAA

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE

UNITED STATES - GREAT LAKES

LAKE HURON - MICHIGAN

LES CHENEAUX ISLANDS

Polyconic Projection
Scale 1:20,000
North American Datum of 1983
(World Geodetic System 1984)
SOUNDINGS IN FEET

NOTES

PLANE OF REFERENCE OF THIS CHART (Low Water Datum 576.8 ft
Referred to mean water level at Father Point (Pointe du Pere), Quebec, International Great Lakes Datum (1955).

AIDS TO NAVIGATION. Consult U.S. Coast Guard Light List for supplementary information concerning aids to navigation.

SYMBOLS AND ABBREVIATIONS. For complete set of symbols and abbreviations see Chart No. 1.

AUTHORITIES. Hydrography and topography by the National Ocean Service, Charting and Geodetic Services with additional data from the Corps of Engineers, Geological Survey, and the U.S. Coast Guard.

BRIDGE AND OVERHEAD CABLE CLEARANCES. When the water surface is above Low Water Datum, bridge and overhead clearances are reduced correspondingly. For clearances see U.S. Coast Pilot 6.

HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum 1983 (NAD 83) and is considered equivalent to World Geodetic System 1984 (WGS 84). For practical plotting purposes, positions referred to the North American 1927 Datum do not require conversion to NAD 83 for plotting on this chart.

FEET
METERS
STATUTE MILES

MICHIGAN

MACKINAC BAY
Lone Swan Island
Hessel Point
Echo Island
St. Ledger I.
CEDARVILLE
Taylor Lumber & Development Corp
Leslie Point
Flower Bay
Flower Creek
McKay Creek
Brush Creek
Porcupine Creek
LA SALLE ISLAND
HILL ISLAND
ISLAND NO. 8
WIT CHANNEL
MOSCOE CHANNEL
Bay Point
Alden Point
Arrington Point
Matchless Point
SHEPPARD BAY
Les Cheneaux Islands
Quilter Point
Wisner Point
Cedarville Point
Cotsnora Point
MUSCALLONGE BAY
Duck Bay
Urie Point
URIE BAY
Arnold Point
Bluff Point
Bluff
Sand Bay
Peak Bay
MARQUETTE ISLAND
LITTLE LA SALLE ISLAND
GOVERNMENT BAY
GOVERNMENT ISLAND
CORYELL ISLAND
SCAMMONS HARBOR
STRONGS ISLAND
Penny Island
BOOT ISLAND
EAST ENTRANCE
MIDDLE ENTRANCE
Disposal Area depths from survey of 1965-1966
Disposal Area depths from survey of 1977
VOIGHT BAY
Point Fortune
Bluff
Bluff Cove Lake
Bear Island
Crow Island
Whitefish Point
Whitefish Bay
Potagannissing Bay
Bush Bay
Pumpkin Island
Harbor Island
Thompson Island
Lake Island
Government Island
Lake Huron
Lake Michigan
Lake Superior
Lake Erie
Lake Ontario
Lake St. Clair
R. RELAY MAST
Fl W 15 s
Obs 6 M
POINT AUX HOUBLONS
Fl W 5 s
Obs 6 M

LAKE HURON

FEET
METERS
STATUTE MILES

FEET

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE

20th Anniversary 1970-1990
National Oceanic and Atmospheric Administration
"Serving The Nation"
John A. Knauss Administrator

FATHOMS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
FEET	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102
METERS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

FATHOMS	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
FEET	108	114	120	126	132	138	144	150	156	162	168	174	180	186	192	198	204
METERS	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34

(Les Cheneaux Islands)

SOUNDINGS IN FEET. SCALE 1:20,000

14885